

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/796,947A  
Source: IFW/6  
Date Processed by STIC: 8/24/06

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IFW16

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/796,947A

DATE: 08/24/2006  
TIME: 13:45:07

Input Set: A:\50047.019002.ST25.txt  
Output Set: N:\CRF4\08232006\J796947A.raw

3 <110> APPLICANT: Amar, Salomon  
4 Tang, Xiaoren  
6 <120> TITLE OF INVENTION: Novel LITAF Binding Site Peptides and Methods of Using the  
Same  
8 <130> FILE REFERENCE: 50047/019002  
10 <140> CURRENT APPLICATION NUMBER: US 10/796,947A  
11 <141> CURRENT FILING DATE: 2004-03-10  
13 <150> PRIOR APPLICATION NUMBER: US 60/453,302  
14 <151> PRIOR FILING DATE: 2003-03-10  
16 <160> NUMBER OF SEQ ID NOS: 33  
18 <170> SOFTWARE: PatentIn version 3.3  
20 <210> SEQ ID NO: 1  
21 <211> LENGTH: 228  
22 <212> TYPE: PRT  
23 <213> ORGANISM: Homo sapiens  
25 <400> SEQUENCE: 1  
27 Met Ser Val Pro Gly Pro Tyr Gln Ala Ala Thr Gly Pro Ser Ser Ala  
28 1 5 10 15  
31 Pro Ser Ala Pro Pro Ser Tyr Glu Glu Thr Val Ala Val Asn Ser Tyr  
32 20 25 30  
35 Tyr Pro Thr Pro Pro Ala Pro Met Pro Gly Pro Thr Thr Gly Leu Val  
36 35 40 45  
39 Thr Gly Pro Asp Gly Lys Gly Met Asn Pro Pro Ser Tyr Thr Gln  
40 50 55 60  
43 Pro Ala Pro Ile Pro Asn Asn Asn Pro Ile Thr Val Gln Thr Val Tyr  
44 65 70 75 80  
47 Val Gln His Pro Ile Thr Phe Leu Asp Arg Pro Ile Gln Met Cys Cys  
48 85 90 95  
51 Pro Ser Cys Asn Lys Met Ile Val Ser Gln Leu Ser Tyr Asn Ala Gly  
52 100 105 110  
55 Ala Leu Thr Trp Leu Ser Cys Gly Ser Leu Cys Leu Leu Gly Val His  
56 115 120 125  
59 Ser Gly Leu Leu Leu His Pro Leu Leu Arg Gly Cys Pro Ala Gly Arg  
60 130 135 140  
63 Gly Pro Leu Leu Ser Gln Leu Gln Ser Ser Pro Gly His Leu Gln Ala  
64 145 150 155 160  
67 Phe Val Gly Leu Ser Gln Thr Trp Arg Glu Pro Gly Ala Ala Gly Ser  
68 165 170 175  
71 Pro Phe His Leu Ser Ser Ser Phe Thr Pro Gly Gly Ser Ala Leu  
72 180 185 190  
75 Val Val Ser Pro Leu Gln Gly Ala His Leu His Val Phe Phe Trp Gly  
76 195 200 205  
79 Glu Tyr Val Ala Lys Leu Thr Asn Leu Gln Thr Pro Glu Ile Ala Ala  
80 210 215 220

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83 Trp Ser Arg Ala

84 225

87 &lt;210&gt; SEQ ID NO: 2

88 &lt;211&gt; LENGTH: 1773

89 &lt;212&gt; TYPE: DNA

90 &lt;213&gt; ORGANISM: Homo sapiens

92 &lt;400&gt; SEQUENCE: 2

93	gtttctctcc	ctgccccccgc	gacttcgcgc	aagatccggg	aaggacacc	gaggccccctg	60
95	ggagaccctg	gggaggtgaa	agtcaagagag	cgaagccggc	cgtggccct	aggcctgacc	120
97	cctccccccgc	gggttaaggcg	ggcacccccc	gagcgcaggg	gtcctttac	tgctgtatggc	180
99	accaggctct	gggcccacac	ggcgctcacc	gtccacccgc	ggtgctgggt	aaaatgtcgg	240
101	ttccaggacc	ttaccaggcg	gccactgggc	cttcctcagc	accatccgca	cctccatcct	300
103	atgaagagac	agtggctgtt	aacagttatt	accccacacc	tccagctccc	atgcctggc	360
105	caactacggg	gcttgatgcg	gggcctgtatg	ggaaggccat	gaatcctct	tcgtattata	420
107	cccagccagc	gccccatcccc	aataacaatc	caattaccgt	gcagacggc	tacgtgcagc	480
109	accccatcac	cttttgac	cgcctatcc	aaatgtgtt	tccttcctgc	aacaagatga	540
111	tcgtgatca	gctgtcctat	aacgcccggtg	ctctgacctg	gctgtcctgc	gggagcctgt	600
113	gcctgctggg	ggtgcatacg	gggctgctgc	ttcatccct	tctgcgtgga	tgcctgcag	660
115	gacgtggacc	attactgtcc	caactgcaga	gctctcttgg	gcacctaaca	gcgtttag	720
117	gactcagcca	gacgtggagg	gagccgggtg	ccgcaggaag	tccttccac	ctctcatcca	780
119	gcttcacgcc	tggtgaggt	tctgccttgg	tggtctcacc	tctccagggg	gcccacccctc	840
121	atgtcttctt	ttggggggaa	tacgtcgcaa	aactaacaaa	tctccaaacc	ccagaaattg	900
123	ctgcttggag	tcgtcatacg	gacttgcaaa	gacatcccc	ttgagtgtca	gttccacgg	960
125	ttcctgcctc	cctgagaccc	tgagtctgc	catctaactg	tgatcattgc	cctatccgaa	1020
127	tatcttcctg	tgatctgcca	tcagtggctc	tttttctgt	tctccatggg	cctttctgtt	1080
129	ggcagtctca	aactgagaag	ccacagttgc	tttatttttgc	aggctgttct	gcccagagct	1140
131	cggtgaacc	agcctttagt	gcctaccatt	atcttatccg	tctttcccg	tccctgtatga	1200
133	caaagatctt	gccttacaga	ctttacaggc	ttggctttga	gattctgtaa	ctgcagactt	1260
135	cattagcaca	cagattcaact	ttaatttctt	aattttttt	ttaaatacaa	ggagggggct	1320
137	attaacacccc	agtacagaca	tatccacaag	gtcgtaaatg	catgctagaa	aaataggct	1380
139	gatcttatac	actgcccctgt	ctcccttgc	ttctctgtc	cagatcttca	gtgccccctt	1440
141	ccatacaggg	attttttct	catagagtaa	ttatatgaac	agttttatg	acccctttt	1500
143	ggtctgaat	actttgaac	agaatttctt	ttttttaaa	aaaaacagag	atgggtctt	1560
145	actatgttc	ccaggctgg	gtcgaaactcc	tgggctcaag	cgatcctct	gccttggcct	1620
147	cccgaagtgc	tgggattgca	ggcataagct	accatgctgg	gcctgaacat	aatttcaaga	1680
149	ggaggattta	taaaaccatt	ttctgtatc	aaatgattgg	tgtcatttgc	ccatttgcca	1740
151	atgttagtctc	actaaaaaaa	aaaaaaaaaa	aaa			1773

154 &lt;210&gt; SEQ ID NO: 3

155 &lt;211&gt; LENGTH: 17

156 &lt;212&gt; TYPE: PRT

157 &lt;213&gt; ORGANISM: Artificial Sequence

159 &lt;220&gt; FEATURE:

160 &lt;223&gt; OTHER INFORMATION: synthetic

162 &lt;400&gt; SEQUENCE: 3

164 Leu Ser Gln Thr Trp Arg Glu Pro Gly Ala Ala Gly Ser Pro Phe His

165 1 5 10 15

168 Leu

172 &lt;210&gt; SEQ ID NO: 4

173 &lt;211&gt; LENGTH: 5

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Input Set : A:\50047.019002.ST25.txt  
Output Set: N:\CRF4\08232006\J796947A.raw

174 <212> TYPE: DNA  
 175 <213> ORGANISM: Artificial Sequence  
 177 <220> FEATURE:  
 178 <223> OTHER INFORMATION: synthetic  
 180 <400> SEQUENCE: 4  
 181 ctccc  
 184 <210> SEQ ID NO: 5  
 185 <211> LENGTH: 16  
 186 <212> TYPE: PRT  
 187 <213> ORGANISM: Artificial Sequence  
 189 <220> FEATURE:  
 190 <223> OTHER INFORMATION: synthetic  
 192 <400> SEQUENCE: 5  
 194 Ser Gln Thr Trp Arg Glu Pro Gly Ala Ala Gly Ser Pro Phe His Leu  
 195 1 5 10 15  
 198 <210> SEQ ID NO: 6  
 199 <211> LENGTH: 26  
 200 <212> TYPE: DNA  
 201 <213> ORGANISM: Artificial Sequence  
 203 <220> FEATURE:  
 204 <223> OTHER INFORMATION: synthetic  
 206 <400> SEQUENCE: 6  
 207 cgggatccat gtcgggttcca ggacct  
 210 <210> SEQ ID NO: 7  
 211 <211> LENGTH: 26  
 212 <212> TYPE: DNA  
 213 <213> ORGANISM: Artificial Sequence  
 215 <220> FEATURE:  
 216 <223> OTHER INFORMATION: synthetic  
 218 <400> SEQUENCE: 7  
 219 cggaaattcgg taattggatt gttatt  
 222 <210> SEQ ID NO: 8  
 223 <211> LENGTH: 25  
 224 <212> TYPE: DNA  
 225 <213> ORGANISM: Artificial Sequence  
 227 <220> FEATURE:  
 228 <223> OTHER INFORMATION: synthetic  
 230 <400> SEQUENCE: 8  
 231 cgggatccat gtcgggttccag gacct  
 234 <210> SEQ ID NO: 9  
 235 <211> LENGTH: 26  
 236 <212> TYPE: DNA  
 237 <213> ORGANISM: Artificial Sequence  
 239 <220> FEATURE:  
 240 <223> OTHER INFORMATION: synthetic  
 242 <400> SEQUENCE: 9  
 243 cggaaattcca gttggggacag taatgg  
 246 <210> SEQ ID NO: 10  
 247 <211> LENGTH: 26

## RAW SEQUENCE LISTING

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Input Set : A:\50047.019002.ST25.txt  
 Output Set: N:\CRF4\08232006\J796947A.raw

248 <212> TYPE: DNA  
 249 <213> ORGANISM: Artificial Sequence  
 251 <220> FEATURE:  
 252 <223> OTHER INFORMATION: synthetic  
 254 <400> SEQUENCE: 10  
 255 cgggatccgt gcagacggtc tacgtg 26  
 258 <210> SEQ ID NO: 11  
 259 <211> LENGTH: 26  
 260 <212> TYPE: DNA  
 261 <213> ORGANISM: Artificial Sequence  
 263 <220> FEATURE:  
 264 <223> OTHER INFORMATION: synthetic  
 266 <400> SEQUENCE: 11  
 267 cggattcca gttggacag taatgg 26  
 270 <210> SEQ ID NO: 12  
 271 <211> LENGTH: 26  
 272 <212> TYPE: DNA  
 273 <213> ORGANISM: Artificial Sequence  
 275 <220> FEATURE:  
 276 <223> OTHER INFORMATION: synthetic  
 278 <400> SEQUENCE: 12  
 279 cgggatccat gtcggttcca ggacct 26  
 282 <210> SEQ ID NO: 13  
 283 <211> LENGTH: 26  
 284 <212> TYPE: DNA  
 285 <213> ORGANISM: Artificial Sequence  
 287 <220> FEATURE:  
 288 <223> OTHER INFORMATION: synthetic  
 290 <400> SEQUENCE: 13  
 291 cgggatcctc agggtctcag ggaggc 26  
 294 <210> SEQ ID NO: 14  
 295 <211> LENGTH: 26  
 296 <212> TYPE: DNA  
 297 <213> ORGANISM: Artificial Sequence  
 299 <220> FEATURE:  
 300 <223> OTHER INFORMATION: synthetic  
 302 <400> SEQUENCE: 14  
 303 cgggatccca gagctctcct gggcac 26  
 306 <210> SEQ ID NO: 15  
 307 <211> LENGTH: 26  
 308 <212> TYPE: DNA  
 309 <213> ORGANISM: Artificial Sequence  
 311 <220> FEATURE:  
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 314 <400> SEQUENCE: 15  
 315 cgggatccgg accattactg tcccaa 26  
 318 <210> SEQ ID NO: 16  
 319 <211> LENGTH: 30  
 320 <212> TYPE: DNA

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Input Set : A:\50047.019002.ST25.txt  
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321 <213> ORGANISM: Artificial Sequence  
323 <220> FEATURE:  
324 <223> OTHER INFORMATION: synthetic  
326 <400> SEQUENCE: 16  
327 ccaaaaagaag acatggctgg atgagaggtg 30  
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331 <211> LENGTH: 18  
332 <212> TYPE: DNA  
333 <213> ORGANISM: Artificial Sequence  
335 <220> FEATURE:  
336 <223> OTHER INFORMATION: synthetic  
338 <400> SEQUENCE: 17  
339 catgtcttct tttggggg 18  
342 <210> SEQ ID NO: 18  
343 <211> LENGTH: 30  
344 <212> TYPE: DNA  
345 <213> ORGANISM: Artificial Sequence  
347 <220> FEATURE:  
348 <223> OTHER INFORMATION: synthetic  
350 <400> SEQUENCE: 18  
351 tccaccaggc gtgaatccta caaacgcttg 30  
354 <210> SEQ ID NO: 19  
355 <211> LENGTH: 18  
356 <212> TYPE: DNA  
357 <213> ORGANISM: Artificial Sequence  
359 <220> FEATURE:  
360 <223> OTHER INFORMATION: synthetic  
362 <400> SEQUENCE: 19  
363 ttcacgcctg gtggaggt 18  
366 <210> SEQ ID NO: 20  
367 <211> LENGTH: 22  
368 <212> TYPE: DNA  
369 <213> ORGANISM: Artificial Sequence  
371 <220> FEATURE:  
372 <223> OTHER INFORMATION: synthetic  
374 <400> SEQUENCE: 20  
375 agctcctggg agatatggcc ac 22  
378 <210> SEQ ID NO: 21  
379 <211> LENGTH: 22  
380 <212> TYPE: DNA  
381 <213> ORGANISM: Artificial Sequence  
383 <220> FEATURE:  
384 <223> OTHER INFORMATION: synthetic  
386 <400> SEQUENCE: 21  
387 gggtgtgcca acaactgcct tt 22  
390 <210> SEQ ID NO: 22  
391 <211> LENGTH: 20  
392 <212> TYPE: DNA  
393 <213> ORGANISM: Artificial Sequence

**VERIFICATION SUMMARY**

PATENT APPLICATION: **US/10/796,947A**

DATE: 08/24/2006

TIME: 13:45:08

Input Set : **A:\50047.019002.ST25.txt**

Output Set: **N:\CRF4\08232006\J796947A.raw**